



विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान, नागपूर (भारत) ४४० ०१०

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY,  
NAGPUR (INDIA) - 440 010

DEPARTMENT OF APPLIED MECHANICS

Ref. No. VNIT/AMD/AYV / 3993 / 304

To,

12 JAN 2024

M/s Fibro Fills,  
121, Chiranjeev Nagar,  
Narendra Nagar,  
Nagpur 440015

**Subject:** Report of Load testing of Manhole Cover

**Ref:** 1. Letter No. E.E.(South)/ 428, dated 24/11/2023  
2. letter No. VNIT/AMD/AYV / 3993 / 6179, dated 28/12/2023

**LOAD TEST REPORT FOR FRP FRAME AND MANHOLE-COVER**

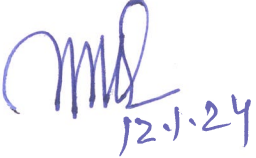
Sn	Sample ID and overall Size of cover	Load Applied (kN)	Time of Observation (Sec)	Permanent Set (mm)	Remark
1	Circular, 600 HD 20 Dia: 675 mm	200	30	1.85	No crack is observed after application the load.
2	Circular, 600 H 400 Dia: 695 mm	400	30	2.10	
3	Rectangular, LD 5 640 x 640 mm	50	30	1.50	

**NOTE:**

1. The test specimen were submitted by the client
2. This test report refers to the specimen submitted to the Institute
3. The test report or any part of it shall not be reproduced without prior permission of the Institute
4. The Institute will not be responsible for any liability arising out of any unforeseen acts / reasons beyond control of the Institute

  
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